

Claims

1. A bevel gear transmission with a transmission housing (1), the walls (2) of which are provided with at least two passage orifices (3, 3') for at least two bevel wheels (4, 4') which engage with their toothings one in the other inside the transmission housing (1) and at least one of which has a shaft (5) which is mounted rotatably in a bearing (22, 23) of a bearing housing (6) and which projects out of the transmission housing (1) through the passage orifice (3), the bearing housing (6) being fastened to the transmission housing (1), **characterized** in that the transmission housing (1) has fastened to it a fastening part (9) which is produced separately from the bearing housing (6) and which has an internal thread (13), to which an external thread of the bearing housing (6) can be screwed, in that the relative angular position between the fastening part (9) and the bearing housing (6) can be fixed, and in that, in the mounted state, the bearing housing (6) projects with a cylindrical extension (8), in a fit, into the respective passage orifice (3) of the transmission housing (1), said passage orifice being designed as a guide.
2. The bevel gear transmission as claimed in claim 1, characterized in that the fastening part (9) is designed as a flanged ring.
3. The bevel gear transmission as claimed in claim 2, characterized in that, to fix the angular position between the flanged ring (9) and the bearing housing (6), a screw can be screwed into a radial threaded hole (28) of the flanged ring (9).

4. The bevel gear transmission as claimed in one of claims 1 to 3, characterized in that the bearing housing (6) is fastened to the outer face of the transmission housing (1).